

PATENT DON01 P-1087

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Group : 3612

Applicants : Kenneth Schofield, Mark L. Larson and Keith J. Vadas Serial No. : 10/643.602

Serial No. : Filing Date :

August 19, 2003

Filing Date : August 19, 200

For : REARVIEW VISION SYSTEM FOR VEHICLE

INCLUDING PANORAMIC VIEW

Customer No.: 28101

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Disclosure Statement (2 pages), Forms PTO-1449, PTO/SB/08A and PTO/SB/08B (15 pages), and copy of non U.S. patent references (3 books) are being deposited with the United States Postal Service as first class mail in a box addressed to:

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on July 11, 2007.

Elaine L. Leva
Van Dyke, Gardner, Linn & Burkhart, LLP

2851 Charlevoix Drive, S.E.

P.O. Box 888695 Grand Rapids, MI 49588-8695

(616) 975-5500

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SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

In accordance with 37 CFR 1.51, 1.56, 1.97 and 1.98, Applicants submit herewith patents, publications or other information listed on attached Forms PTO-1449, PTO/SB/08A and PTO/SB/08B for consideration by the Examiner in connection with examination of the present application.

This Information Disclosure Statement is not intended to constitute an admission that any patent, publication or other information referred to herein is "prior art" for this invention unless specifically designated as such.

Under 37 CFR 1.97, the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists.

The present application is a continuation of application Serial No. 09/776,625, filed on February 5, 2001, now Patent No. 6,611,202, which is a continuation of application Serial No. 09/313,139, filed on May 17, 1999, now Patent No. 6,222,447, which is a continuation of application Serial No. 08/935,336, filed on September 22, 1997, now Patent No. 5,949,331, which is a continuation of application Serial No. 08/445,527, filed on May 22, 1995, now Patent No. 5,670,935, which is a continuation-in-part of patent application Serial

Applicants : Kenneth Schofield, Mark L. Larson and Keith J. Vadas

Serial No. : 10/643,602

Page : 2

No. 08/023,918 filed February 26, 1992, by Kenneth Schofield and Mark Larson, now Patent No. 5.550.677.

Applicant notes that U.S. Patent Nos. 5,949,331 and 6,222,447 are the subject of Reexamination Control Nos. 90/007,520 and 90/007,519, respectively. These reexaminations are listed on the attached Form PTO/SB/08B. An Office Action and a Response have been entered in both reexaminations. Copies of the reexamination documents are not included herewith due to their bulk, and since it is presumed that the Examiner will have access to such material. However, should the Examiner require a copy of any such documents, the Examiner is invited to contact the undersigned attorney.

This Information Disclosure Statement is being filed before Applicants are aware of any mailing date of a first Office Action on the merits.

An early and favorable action on the merits is respectfully requested.

Respectfully submitted.

KENNETH SCHOFIELD ET AL.

By: Van Dyke, Gardner, Linn & Burkhart, LLP

Dated: July 11, 2007

Timothy A. Flory

Registration No. 42 540 2851 Charlevoix Drive, S.E., Suite 207

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FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE (Rev. 2-32) PATENT AND TRADEMARK OFFICE

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use several sheets if necessary)

ATTY. DOCKET NO. DON01 P-1087	SERIAL NO. 10/643,602	
APPLICANTS Kenneth Schofield et al.		
FILING DATE	GROUP 2612	

U.S. PATENT DOCUMENTS

EXAMINER INITIAL			DC	CUM	ENT I	NUMI	BER		DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPRO- PRIATE
/DC/		5	8	9	6	0	8	5	04/1999	Mori et al.	340	469	
	I	5	8	9	0	0	2	1	03/30/99	Onoda	396	121	
		5	8	8	3	7	3	9	03/16/99	Ashihara et al.	359	462	
		5	8	6	7	5	9	1	02/02/99	Onda	382	154	
		5	8	5	0	1	7	6	12/15/98	Kinoshita et al.	340	435	
		5	0	2	7	0	0	1	09/1991	Torbert	307	10.1	
-		6	7	1	7	6	1	0	04/2004	Bos et al.	348	148	
		5	8	3	7	9	9	4	11/17/98	Stam et al.	250	208.1	
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		6	5	5	3	1	3	0	04/2003	Lemelson et al.	382	104	
		5	2	8	9	1	8	2	02/1994	Brillard et al.			
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EXAMIN ER INITIAL		DOC	UMEI	NT N	UMI	BER	DATE	COUNTRY	CLASS	SUB- CLASS		NSLA- ION
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER INITIAL	*

/David Czekaj/	03/29/2008
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	U.S. PATENT DOCUMENTS EXAMINER DOCUMENT NUMBER DATE NAME CLASS SUB-FILING													
EXAMINER INITIAL			DO	CUM	ENT I	IMUN	BER		DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPRO- PRIATE	
, /DC/		6	2	0	1	6	4	2	3/2001	Bos	359	565		
-		5	7	6	0	8	2	8	6/1998	Cortes	348	143		
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		4	8	9	5	7	9	0	1/1990	Swanson et al.	430	321		
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		GB	2	3	2	7	8	2	3A	2/1999	United Kingdom				
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	1	OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)
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		Hamit, Francis "360-Degree Interactivity: New Video and Still Cameras Provide a Global Roaming Viewpoint", <u>Advanced Imaging</u> , Murch 1997, page 50.
	V	Johannes, Laura "A New Microchip Ushers In Cheaper Digital Cameras", <u>The Wall Street Journal</u> , August 21, 1998, page B1.

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		Sheet 5 of 15
FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE (Rev. 2-32) PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. DON01 P-1087	SERIAL NO. 10/643,602
INFORMATION DISCLOSURE STATEMENT BY APPLICANT	APPLICANTS Kenneth Schofield et al.	
(Use several sheets if necessary)	FILING DATE August 19, 2003	GROUP 3612

U.S. PATENT DOCUMENTS

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/DC/	6	0	4	9	1	7	1	04/2000	Stam et al.	315	82	
	5	7	6	0	9	6	2	06/1998	Schofield et al.			
	5	5 9 9 0 4 6 9					9	11/1999	Bechtel et al.	250	208.1	

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													Y	N
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	wo	9	7	3	5	7	4	3	10/1997	PCT				
	FR	2	7	2 6 1 4 4		04/26/1996	France			X				
	JP	08	1	6	6	2	2	1	06/25/1996	Japan			X	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

MINER TIAL	
	Article entitled "Generation of Vision Technology," published by VLSI Vision Limited, publication date unknown.
/	Article entitled "On-Chip CMOS Sensors for VLSI Imaging Systems," published by VLSI Vision Limited, 1991.

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				Con	plete if Known
	Substitute for form 1449/	PTO		Application Number	10/643,602
	INFORMATIO	N DISC	LOSURE	Filing Date	August 19, 2003
	STATEMENT			First Named Inventor	Kenneth Schofield et al.
	(Use as many sh	eets as i	necessary)	Art Unit	3612
				Examiner Name	
Sheet	4	of	15	Attorney Docket Number	DON01 P-1087

U. S. PATENT DOCUMENTS								
Examiner Initials*	Cite No.1	Document Number	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where			
		Number-Kind Code ^{2 (if known)}	MM-DD- YYYY		Relevant Passages or Relevan Figures Appear			
/DC/		US-5,845,000	12-01-1998	Breed et al.				
		US-5,844,682	12-01-1998	Kiyomoto et al.				
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V		JP 06276524 A	09-30-1994	Toyota Motor Corp.		X
		JP 06-295601	10-21-1994	Toyota Motor Corp.		X
		JP 7-32936	02-03-1995	Toyota Motor Corp.		X
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		JP 62-131837	06-15-1987	Hirohiko Yanagawa		Χ
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Examiner Signature	/David Czekaj/	Date Considered	03/29/2008

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	INFORMATION	DISCLOSURE	Filing Date	August 19, 2003
	STATEMENT B	Y APPLICANT	First Named Inventor	Kenneth Schofield et al.
	(Use as many she	ets as necessary)	Art Unit	3612
			Examiner Name	
Sheet	5	15	Attorney Docket Number	DON01 P-1087

			U. S. PATENT	DOCUMENTS	-	
Examiner	Cite	Document Number	Publication	Name of Patentee or	Pages, Columns, Lines,	
Initials*	No.1		Date	Applicant of Cited Document	Where	
	l		MM-DD-		Relevant Passages or Relevan	
		Number-Kind Code ^{2 (if known)}	YYYY		Figures Appear	
/DC/		US-5,124,549	06-23-1992	Michaels et al.		
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Examiner Initials*	Cite No.1	Foreign Patent Document Country Code ³ ·Number ⁴ -Kind Code ⁵ (if known)	Publication Date MM-DD- YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T 6		
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STATEMENT BY APPLICANT				First Named Inventor	Kenneth Schofield et al.	
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				Examiner Name		
:t	6	of	15	Attorney Docket Number	DON01 P-1087	

	U. S. PATENT DOCUMENTS								
Examiner Initials*	Cite No.1	Document Number Number-Kind Code ^{2 (if known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear				

Sheet 16

		FOR	EIGN PATENT D	OCUMENTS		
Examiner Initials*	Cite No.1	Foreign Patent Document Country Code 5 Number 4-Kind Code 5	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant] _T
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	L	WO-9419212-A	09-01-1994	Donnelly Corp.		_
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Examiner	/David Czekai/	Date 03/29/2008
Signature		Considered

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT Kenneth Schofield et al. First Named Inventor (Use as many sheets as necessary) Art Unit 3612 Examiner Name DON01 P-1087 7 of 15 Attorney Docket Number Sheet U. O. DATENT DOCUMENTO

Examiner Initials*	Cite No.1	Document Number Number-Kind Code ^{2 (ff known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, When Relevant Passages or Relevant Figures Appear
(0.0			10.11.2005	6 1 6 13	
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Application Number	10/643,602				
Filing Date	August 19, 2003				
First Named Inventor	Kenneth Schofield et al.				
Art Unit	3612				
Examiner Name					
Attorney Docket Number	DON01 P-1087				

Examiner	Cite	Document Number	U. S. PATENT	Name of Patentee or	Pages, Columns, Lines, When
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INFORMATION DISCLOSURE	Filing Date	August 19, 2003	
STATEMENT BY APPLICANT	First Named Inventor	Kenneth Schofield et al.	
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EXAMINER

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Sheet 12 of 15 SERIAL NO. 10/643,602

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary) ATTY. DOCKET NO. SERIAL NO. 10/643,602

APPLICANTS Kenneth Schofield et al.

FILING DATE GROUP August 19, 2003 3612

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